

Lithium Manganese Battery Technology Specification

Customer			
Part name	Lithium Manganese Battery		
Model No	CR17505 2300mAh 3.0V		
Part No	CR17505		
Date			



1. SCOPE

The specification applies to CR17505 (Li/MnO₂) battery supplied by Akyga Battery

2. Characteristics and Performance

Table1

Item	Storage	Performance	Test condition
Nominal Voltage		3.0V	—
Normal capacity		2300mAh	Continuous Discharge at 10mA To 2.0V at 20±3℃
Max.Constant Current	—	1500mA	_
Max. Pulse Current	_	3000mA	—
Working temperature		-40~+85 ℃	—
OCV	Fresh	3.1V~3.45V	DC
	After 12 months	3.1V~3.45V	Voltmeter:accuracy≥±0.005V Input impedance≥1MΩ
CCV	Fresh	≥3.00V	DC voltmeter:
	After 12 months	≥3.00V	accuracy≥±0.005V load: 15kΩ for 0.8 sec.

3. Precautions

- Never charge the battery as it is not designed to be rechargeable, may cause leakage or explosion.
- Insert battery with its positive and negative terminals properly aligned with the corresponding marks on the equipment.
- Never short circuit, heat, incinerate or dismantle the battery.



Fig1. Structure and Dimensions

